Index of Claims



| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/057,323      | DAVIS ET AL. |  |
| Examiner        | Art Unit     |  |

San-ming Hui

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| <b>√</b> | Rejected |
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| Cla           | aim      | Γ.           |  |              | [              | Date         | <u>—</u>        |                 |          |          | 10.4     | Cla   | im       |   |                     |          | Da       | ite     |                   |              |           |      | Cl    | aim        |              |                |              | C        | ate      | <del></del> |          |              |          |
|---------------|----------|--------------|--|--------------|----------------|--------------|-----------------|-----------------|----------|----------|----------|-------|----------|---|---------------------|----------|----------|---------|-------------------|--------------|-----------|------|-------|------------|--------------|----------------|--------------|----------|----------|-------------|----------|--------------|----------|
|               | -        | <u> </u>     | <u> </u>   | Γ            |                |              |                 |                 |          |          |          |       | <u></u>  | ļ_  |                     |          |          |         |                   |              |           |      |       | m          |              |                |              |          |          |             |          |              |          |
| Final         | Original | 9/14/04      |  |              |                |              |                 |                 |          |          |          | Final | Original | 9/14/04   |                     |          |          |         |                   |              |           | . 3  | Final | Original   | 9/14/04      |                |              |          |          |             |          |              | - }      |
| ਛੋ            | Ę        | 1.6          |  | ĺ            |                |              |                 |                 |          |          |          | 這     | Ĕ        | 9.7   |                     |          |          |         |                   |              |           |      | 這     | ji         | 9/1          |                | l            |          |          |             |          |              |          |
|               |          | L            | L  |              | _              |              |                 |                 |          |          |          |       |          | _   |                     |          |          |         |                   |              |           | 1, 4 |       |            | _            |                |              |          | l        |             |          |              |          |
|               | 1        |              | L  |              | _              |              |                 | Ш               |          |          | 10       |       | 51       |   | $\sqcup$            | $\perp$  |          | $\perp$ | $\perp$           |              |           |      |       | 101        |              |                | _            |          | $\Box$   |             |          |              | _        |
|               | 2        | 匚            | _  | <u> </u>     | <u> </u>       | $oxed{oxed}$ |                 | Ш               | _        |          |          |       | 52       | L   | $\sqcup$            | $\perp$  | $\perp$  | $\perp$ | 1                 |              | _         |      |       | 102        |              | _              |              | _        | _        |             |          | _            |          |
|               | 3        | <u> </u>     | L  | L.           | <u> </u>       | ļ            | Ш               | Ш               | $\Box$   |          | 5 4      |       | 53       |   | $\sqcup$            | $\perp$  | $\perp$  | 1       | ļ                 | Щ            |           |      |       | 103        |              | $\perp$        | _            |          | _        |             | _        | _            |          |
|               | 4        | <u> </u>     |  | ļ            | <u> </u>       | ļ            |                 | _               |          |          |          |       | 54       |   | Ш                   | _        | _ _      | 4       |                   |              | _         | -    |       | 104        | _            | Ш              | _            | _        | _        |             |          | _            |          |
| <u> </u>      | 5        | ļ            |  | <u> </u>     | <del> </del> _ |              | <u> </u>        | -               | $\dashv$ |          | -        |       | 55       | <u> </u>  | $\vdash$            | -        | _        | +       | -                 | $\vdash$     |           |      |       | 105        |              |                | _            | _        |          |             |          | _            |          |
|               | 6        |              | ├_   | <u> </u>     | ├              | <u> </u>     | _               | $\vdash$        | _        |          |          |       | 56       | ├   |                     | _        | - -      | +       | -                 |              | 괵         |      |       | 106        | _            | $\dashv$       |              |          |          |             |          | $\dashv$     |          |
| <u> </u>      | 7        | <del> </del> | ├  | <del> </del> |                | <del> </del> |                 | Н               | $\dashv$ | _        |          |       | 57       | <u> </u>  | -                   | -        |          | +       | +-                | $\dashv$     | $\dashv$  |      |       | 107        | _            | -              | -+           |          |          |             | $\dashv$ |              |          |
|               | 8        | $\vdash$     |  | ⊢            | ┢              | ⊢            |                 | Н               | $\dashv$ |          | \$35     |       | 58       | -   | <del> </del> - -    |          | - -      | ┿       |                   |              |           |      |       | 108        | <u> </u>     |                | -            | -        | $\dashv$ | _           | -        | -            | $\dashv$ |
|               | 9        | ⊢            | H  | ⊢            | ₩              | ⊢            |                 | Н               | -1       |          |          |       | 59<br>60 |   | ⊢⊦                  | +        |          | +-      | -                 |              | $\dashv$  | 47   |       | 109<br>110 |              |                |              | -        | -        |             |          |              |          |
|               | 11       | ⊢            | -  | -            | ╀              | ├            | -               | Н               | -        | _        |          |       | 61       | <u> </u>  | $\vdash$            | $\dashv$ | +        | +       | 1                 | $\dashv$     | $\dashv$  |      |       | 111        |              |                |              |          |          | -           | -        |              |          |
|               | 12       | $\vdash$     | -  |              | ┼              |              | $\vdash$        | $\vdash \vdash$ | $\dashv$ |          |          |       | 62       | $\vdash$  | $\vdash$            | $\dashv$ | +        | +-      | -                 |              |           | 1    |       | 112        | $\vdash$     |                | $\dashv$     | +        | -        |             |          |              |          |
| <u> </u>      | 13       | ⊢            | $\vdash$   | $\vdash$     | ╁              | $\vdash$     | -               |                 |          |          | (Section |       | 63       | -   | $\vdash$            | $\dashv$ | $\dashv$ | +       | +                 | $\vdash$     | $\dashv$  | 7.   |       | 113        | $\vdash$     |                | -            |          |          | $\dashv$    |          | $\dashv$     | ᅴ        |
| <u> </u>      | 14       |              | <del>                                     </del> |              |                | $\vdash$     | Н               | $\vdash$        | $\dashv$ | $\dashv$ | e        |       | 64       | ┢   | ┝                   | $\dashv$ | +        | +-      |                   |              |           |      |       | 114        | -            |                | $\dashv$     | -        | $\dashv$ |             | $\dashv$ | $\dashv$     | $\dashv$ |
|               | 15       | $\vdash$     | $\vdash$   |              | 1              | Н            | Н               |                 | -        | -        |          |       | 65       | $\vdash$  |                     | -        | +        | +       | +                 | $\dashv$     | $\dashv$  | 1    |       | 115        | <del> </del> | $\vdash$       | $\dashv$     | +        | $\dashv$ | $\dashv$    | -        | -            | $\dashv$ |
|               | 16       |              | -  | $\vdash$     | -              | H            |                 | H               | _        | -        | 100      |       | 66       | -   | $\vdash$            | $\dashv$ | +-       | +-      | -                 | -            | $\dashv$  |      |       | 116        | -            | _              | -            |          | $\dashv$ | -           | -        | <del>-</del> | -        |
|               | 17       |              | $\vdash$   | ├            | -              | -            | -               |                 | $\dashv$ |          |          |       | 67       |   |                     | +        | +        | +       | +                 | $\vdash$     | ᅥ         |      |       | 117        |              | $\neg$         | $\dashv$     | -        | $\dashv$ | -           |          | ᆉ            | $\dashv$ |
|               | 18       |              |  |              |                | П            |                 |                 |          | _        | 8.00     |       | 68       |   |                     |          | -        | +       | $\dagger$         |              | $\dashv$  |      |       | 118        |              |                | $\dashv$     | 7        | _        | _           | 7        | _            | _        |
|               | 19       |              |  | _            | $\vdash$       | П            | П               |                 | $\dashv$ |          |          |       | 69       | $\vdash$  | $\vdash$            | $\top$   | +        | ┰       | 1                 | $\dashv$     | $\dashv$  | -    |       | 119        |              |                | _            |          | _        |             | 1        | 1            | $\dashv$ |
|               | 20       |              | _  | ┢            | T              | Н            | Н               | $\vdash$        | 寸        |          | -        |       | 70       |   | $\Box$              | $\top$   | ┰        | ╅       | +                 |              | $\dashv$  |      |       | 120        |              |                | -            |          | 一        | _           | $\dashv$ | _            | $\dashv$ |
|               | 21       |              | -  | T            | $\vdash$       |              |                 | $\Box$          | 一        |          |          |       | 71       |   |                     | $\top$   | $\top$   | ╅       | 1                 |              | $\neg$    |      |       | 121        |              |                | 寸            | _        |          | _           |          |              | $\neg$   |
|               | 22       |              |  |              | T              |              | П               |                 | 寸        |          |          |       | 72       |   | $\Box$              | 寸        | 1        | ╅       | 1                 | $\neg$       | $\neg$    |      |       | 122        |              |                |              | _        | $\neg$   |             | $\neg$   | $\neg$       | $\neg$   |
|               | 23       |              |  |              |                |              | П               |                 | $\neg$   |          |          |       | 73       |   |                     | _        | -†-      |         | $\dagger$         |              | $\exists$ | . :  |       | 123        |              |                | T            |          |          |             |          |              | $\neg$   |
|               | 24       |              |  |              |                |              | П               |                 | 一        |          |          |       | 74       |   |                     | $\neg$   |          | T       | $\top$            | $\exists$    | $\neg$    |      |       | 124        |              |                | 寸            |          |          |             |          |              |          |
|               | 25       |              |  |              | Г              |              | П               |                 | $\neg$   |          |          |       | 75       |   | П                   |          |          |         |                   |              | $\neg$    |      |       | 125        |              |                |              |          |          |             |          | _            |          |
|               | 26       |              |  |              |                |              |                 |                 |          |          | 10.0     |       | 76       |   |                     | T        |          | T       |                   | $\neg$       |           |      |       | 126        |              |                | T            |          |          |             |          |              |          |
|               | 27       |              |  |              |                |              |                 |                 |          |          |          |       | 77       |   |                     |          |          |         |                   |              |           |      |       | 127        |              |                |              |          |          |             |          | $\neg$       |          |
|               | 28       |              |  |              |                |              |                 |                 |          |          | 1        |       | 78       |   |                     |          |          |         |                   |              |           | - 4  |       | 128        |              |                |              |          |          |             |          |              |          |
|               | 29       | L            |  | L            |                |              | Ш               |                 |          |          |          |       | 79       |   |                     |          |          |         |                   |              |           |      |       | 129        |              |                |              |          |          |             |          |              |          |
|               | 30       |              |  |              | L              |              |                 |                 |          |          |          |       | 80       |   |                     | $\perp$  |          | $\perp$ |                   |              |           |      |       | 130        |              |                |              |          |          |             |          |              |          |
|               | 31       | _            | _  | <u> </u>     | _              |              |                 | Ш               |          |          |          |       | 81       |   | Ш                   | $\perp$  |          | $\perp$ |                   |              |           |      |       | 131        |              |                | _            | _        |          |             |          |              | ┛        |
|               | 32       | _            | <u> </u>   |              | _              | Ш            | Ш               |                 |          |          | 1        |       | 82       | _   |                     | 4        |          | $\perp$ | 4_                | _            | _         |      |       | 132        |              | $\sqcup$       | _ .          | _        | _        | _           | $\dashv$ |              | $\Box$   |
| <u> </u>      | 33       | <u> </u>     | <u> </u>   | _            | _              |              | $  \bot  $      | $\square$       | ļ        | _        |          |       | 83       | $ldsymbol{ld}}}}}}$ | Ш                   | $\dashv$ | _        | $\bot$  | $\bot$            |              | _         |      |       | 133        | Ш            | Ц              | _            | _        | _        |             |          |              |          |
|               | 34       | <del> </del> | -  | <u> </u>     | <u> </u>       | Ш            | Н               | Щ               | _        | _        | 1.1      |       | 84       | _   |                     | -        |          | - -     | $\perp$           |              | _         | ij,  |       | 134        | Щ            | $\sqcup$       | $\perp$      | _        |          |             | _        | _            |          |
|               | 35       | <del> </del> | <u> </u>   | ⊢            | 1              | $\vdash$     | $\vdash$        |                 |          | _        |          |       | 85       |   | $\sqcup$            | +        | $\perp$  | +       | -                 | $\dashv$     |           | Œ.   |       | 135        | Щ            | $\sqcup$       | $\downarrow$ | 4        | _        | _           | _        | _            | $\dashv$ |
|               | 36       |              | -  | -            |                | Н            |                 |                 | _        | 4        | - : :    |       | 86       | <u> </u>  | $\vdash \vdash$     | $\dashv$ | - -      | +       | -                 | $\sqcup$     | _         |      | -     | 136        |              | $\dashv$       |              | $\dashv$ |          |             | _        | _            |          |
|               | 37       | $\vdash$     | ⊢  | $\vdash$     | <del> </del>   | Н            | $\square$       | $\vdash \vdash$ |          | _        | - 1      |       | 87       | $\vdash$  | $\vdash \downarrow$ | $\dashv$ | -        | +       | $\vdash$          |              |           |      |       | 137        |              | $\dashv$       | $\dashv$     | _        | 4        | _           | _        | 4            | $\dashv$ |
| -             | 38<br>39 | $\vdash$     | $\vdash$   | $\vdash$     |                |              | Н               | $\vdash\vdash$  | +        | -        | <u> </u> |       | 88       | $\vdash$  | $\vdash \vdash$     | $\dashv$ |          | +       | +                 | $\dashv$     |           | 6. 3 |       | 138        | Н            | $\dashv$       |              | $\dashv$ | 4        | 4           | _        | -            | _        |
|               | 40       |              | $\vdash$   | -            | $\vdash$       | -            | $\vdash$        | $\vdash\vdash$  | $\dashv$ | -        |          |       | 89<br>90 | $\vdash$  | $\vdash \vdash$     | $\dashv$ | +        | +       | +                 |              |           | - 6  |       | 139<br>140 | Н            |                | +            | $\dashv$ | -        |             |          |              | _        |
| <del>  </del> |          | ├—           |  | $\vdash$     | ┢              | ├─┤          | $\vdash$        | $\vdash \vdash$ | $\dashv$ | -        | 27.      |       |          | <u> </u>  | $\vdash \vdash$     | +        | +        | +       | +                 |              |           |      |       |            | $\vdash$     | $\dashv$       | $\dashv$     | -        | $\dashv$ |             | -        | $\dashv$     | $\dashv$ |
| $\vdash$      | 41       | -            | -  | $\vdash$     | $\vdash$       | $\vdash$     | $\vdash \vdash$ |                 | $\dashv$ | $\dashv$ | - 1      |       | 91<br>92 | H   | $\vdash$            | $\dashv$ | - -      |         | $\vdash$          |              |           |      |       | 141        |              | $\dashv$       | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | -            | $\dashv$ |
| $\vdash$      | 43       | $\vdash$     | $\vdash$   | -            | -              | -            | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |          |       | 93       |   | -+                  | $\dashv$ | +        | +       | +                 | $\dashv$     | 4         |      | •     | 143        |              | -              | +            | $\dashv$ | +        |             |          | 4            |          |
|               | 44       | -            | -  | $\vdash$     | $\vdash$       | $\vdash$     |                 | ┥               | $\dashv$ | +        |          |       | 94       | -   | $\dashv$            |          | +        | +       | $\vdash$          | $\dashv$     | $\dashv$  | 0.6  |       | 144        | $\vdash$     | -              |              | $\dashv$ | 1        | -           | $\dashv$ | -+           | $\dashv$ |
| <u> </u>      | 45       | $\vdash$     |  | -            | $\vdash$       |              |                 | $\dashv$        | $\dashv$ | $\dashv$ |          |       | 95       | -   | -+                  | +        | +        | +       | +-                | $\dashv$     | ᅱ         |      |       | 145        |              | $\dashv$       | $\dashv$     | $\dashv$ | $\dashv$ |             |          | $\dashv$     | $\dashv$ |
| Н             | 46       |              |  |              | Н              | H            | $\vdash$        | -               | $\dashv$ | $\dashv$ | ā.;      | -     | 96       | $\vdash$  | $\vdash$            | +        | +        | +       | $\vdash$          | <del> </del> | $\dashv$  |      |       | 146        | $\vdash$     | +              | +            | $\dashv$ | -        | $\dashv$    | $\dashv$ | $\dashv$     | $\dashv$ |
| $\vdash$      | 47       |              | $\vdash$   |              | $\vdash$       | $\vdash$     | $\vdash$        |                 | $\dashv$ |          |          |       | 97       |   | $\vdash$            | +        | +        | +       | $\forall$         |              | $\dashv$  | . 1  |       | 147        | $\vdash$     | +              | $\dashv$     | $\dashv$ | +        | ᅱ           | +        | -            | $\dashv$ |
|               | 48       |              |  |              | Н              | H            | $\vdash$        |                 | -        | $\dashv$ |          | -     | 98       | $\vdash$  | $\dashv$            | 十        |          | +-      | $\forall$         | +            | ㅓ         |      |       | 148        | $\vdash$     | $\dashv$       | $\dashv$     | +        | $\dashv$ | $\dashv$    | $\dashv$ | +            | $\dashv$ |
|               | 49       | $\vdash$     |  | _            | Н              | H            | $\vdash$        | $\neg$          | $\dashv$ | $\dashv$ | -1       |       | 99       | $\vdash$  | $\vdash$            | $\top$   | +        | +       | $\dagger \dagger$ | -+           | ٦         |      |       | 149        | $\vdash$     | $\dashv$       | $\dashv$     | $\dashv$ | +        | $\neg$      | -        | +            | $\dashv$ |
|               | 50       |              |  |              | $\vdash$       |              | $\neg$          |                 | 一        | $\dashv$ | ( a      |       | 100      |   | $\Box$              | $\dashv$ | +        | +-      | +                 | $\dashv$     | ヿ         | -    |       | 150        | $\vdash$     | $\neg \dagger$ | 十            | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | +            | $\dashv$ |
|               |          |              |  |              |                |              |                 |                 |          |          |          |       |          |   |                     |          |          |         |                   |              |           |      |       |            |              |                |              |          |          |             |          |              |          |